AME	NDMENT OF SOLICITA	ATION/MODIFICATION	ON OF CO	NTRACT	Contract Number	Page of	f Pages 17
2. Amer	dment/Modification Number	3. Effective Date	4.	Requisition/Pu	ırchase Request No.	5. Solicitation Caption	
DCKT-2	007-B-0041-0001	3/27/2007	,	·	·	Trash Compactor	
6. Issue	d By:	Code	•	7. Administe	ered By (If other than line	6)	
	Contracting and Procuremen						
	rtation and Specialty Equipme	nt Commodity Group					
	th Street, NW, 3rd Floor						
wasning	gton, DC 20009			-			
9 Name	and Address of Contractor (N	lo Street city country state	and 7ID Cod	6)	(X) 9A. Amendment of S	Policitation No.	
o. rvanic	and Address of Contractor (N	o. Otroot, only, country, state	and Zii Ood	0)	DCKT-2007-B-0041	ononation 140.	
					9B. Dated (See Item	11)	
					3/6/2007	,	
					10A. Modification of	Contract/Order No.	
					10B. Dated (See Iter	m 13)	
	Code		acility				
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \					TS OF SOLICITATIONS	Tage 10 or 1 of 1	
	above numbered solicitation is			-			is not extended.
	ers must acknowledge receipt on wing methods: (a) By complet				ies of the amendment: (b)		coint of this
	endment on each copy of the o	•	•		` '	, ,	ceipt of this
	endment on each copy of the o						IPT OF OFFERS
	OR TO THE HOUR AND DAT						
	offer already submitted, such cl					•	· ·
solid	citation and this amendment, a	nd is received prior to the ope	ening hour ar	nd date specifi	ed.		
12. Acco	ounting and Appropriation Data	a (If Required)					
		13. THIS ITEM APPLIES OF	NI V TO MOI	NEICATIONS	OF CONTRACTS/ORDE	:DC	
					DESCRIBED IN ITEM 14	,	
	A. This change order is issued				R Section 3601, Par. 19, C		ntract Provisions
	The changes set forth in Item			tem 10A.			
	B. The above numbered contr					ying office, appropriat	ion
	date, etc.) set forth in item 14				ction 3601.2.		
	C. This supplemental agreement is entered into pursuant to authority of:						
	D. Other (Specify type of mod	lification and authority)					
E. IMPO	E. IMPORTANT: Contractor is not, X is required to sign this document and return 1 copies to the issuing office.						
14. Description of amendment/modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.)							
17. Description of amendment/modification (Organized by OOF Section fleadings, including solicitation/contract subject fliatter where leasible.)							
1) Delete Section B							
Insert Section B (R)							
2) Delete Section C							
Insert Section C (R)							
0)	0 4 110 4 5 4 1 1114						
3) Insert	Section H.8.4 Extended Warr	anty					
4) Rid o	pening date has been extende	d from 04/10/07 TO 04/17/07	7 by 2:00 DM				
Dia o	berning date has been extende	a nom 04/10/07 10 04/17/07	by 2.00 i W				
	as provided herein, all terms ar		nt referenced			and in full force and e	ffect
15A. Na	me and Title of Signer (Type o	or print)		16A. Name Tara Sigamo	of Contracting Officer		
15B. Na	me of Contractor	15C. D	ate Signed		of Columbia		16C. Date Signed
			•				
							3/27/2007
	(Signature of	f person authorized to sign)		1	(Sign	nature of Contracting Officer)	

SECTION B (R): SUPPLIES OR SERVICES AND PRICE

- **B.1** The Government of the District of Columbia, Office of Contracting and Procurement, on behalf of Department of Public Works (the District), is seeking a contractor to provide a 25-cubic yard high compaction rear loader trash compactor with an extended warranty period for items as specified.
- **B.2** The District contemplates award of a firm fixed price contract.

B.3 PRICE SCHEDULE

Contract Line Item Number (CLIN)	Supplies or Services	Quantity	Unit Price	Total Price
0001	High compaction, 25-cubic yard rear loader State Make and Model offered	1	\$	\$
0002	Extended warranty (See Section H.8.4): Alternator, Starter and electronics	3 yrs.	\$	\$
0003	Extended warranty (See Section H.8.4): Clutch fan	3 yrs.	\$	\$
0004	Extended warranty (See Section H.8.4): Transmission	3 yrs.	\$	\$
0005	Extended warranty (See Section H.8.4): Axles (rear carriers, housing and front I- beam)	3 yrs.	\$	\$

[The extended warranty unit price should be the cost to provide the stipulated coverage's for one (1) truck per year]

GRAND TOTAL (CLINS 0001-0005): \$

SECTION C (R): SPECIFICATIONS/WORK STATEMENT

C.1 SCOPE:

The Government of the District of Columbia, Office of Contracting and Procurement, Transportation and Specialty Equipment Commodity Group, (the **District**), is seeking a contractor to provide a twenty-five (25) cubic yard high compaction rear loader trash compactor and extended warranty period in accordance with the specifications enumerated herein. The unit shall be delivered completely assembled and serviced, ready for immediate use. The chassis and body shall conform to the most current National Institute for Occupational Safety and Health (NIOSH) safety regulations at time of manufacture. The vehicle, components, assemblies and accessories to be delivered under this contract shall meet or exceed the requirements of these specifications. All chassis items shall be as represented in the chassis manufacturer's technical data book. Special bodies or mounted equipment shall be as represented in the body and equipment manufacturer's technical data. The chassis model furnished shall not be older than the chassis manufacturer's current model on the date of issuance of this solicitation. The vehicle shall comply with all Federal Motor Vehicles Safety Standards (FMVSS) Regulations applicable to the specified vehicle on the date of manufacture.

The trash compactor shall be equipped as follows at a minimum.

C.2 CONTRACT LINE ITEM NUMBER (CLIN) 0001

TWENTY FIVE (25) CUBIC YARD REFUSE TRUCK HIGH COMPACTION, REAR LOADER OR EQUAL.

State Make and Mode	el Offered	

C.3 SAFETY EQUIPMENT

- C.3.1 First aid kit shall be *Johnson & Johnson Model 8161* or equal (IF NOT SAME, STATE MODEL OFFERED)
- C.3.2 Five (5) pound ABC fire extinguisher mounted in cab and ten (10) pound fire extinguisher mounted outside with cover
- C.3.3 Two (2) rubber wheel chocks
- C.3.4 Triangle kit
- C.3.5 Back-up alarm: horn or buzzer type

C.3.6	Inside dash mounted 6.8 inches LCD, monitoring system, audio, protected guarded rear-sight camera, and insulated armored cable with mil-spec connectors for maximum protection. (<i>Audio-Vox/Voyager</i> catalog number: VOS681C1 observation system) or equal
	State make and model offered
C.3.7	Three (3) strobe lights shall be mounted: one (1) center mounted front compactor with brush guard, and two (2) in the rear, recessed in light bar, strobe, shock mounted. (All lights shall work by toggle switch in cab) <i>Whelen</i> model VP 20, 50-watt output, or equal.
	State make and model offered
C.3.8	All body lighting shall be LED except back-up lights
C.3.9	Dual note air horns
C.4 VE	HICLE
C.4.1	Aluminum conventional cab, 3 persons seating, M2-112 Freightliner or equal
	State make and model offered
C.4.2	Wheelbase: shall be compatible with body, maximum 216 inches
	State wheelbase offered
C.4.3	Cab to axle (CA): Shall be compatible to body, maximum 156 inches
	State CA offered
C.5 GRC	OSS VEHICLE WEIGHT RATING (GVWR)
C.5.1	MINIMUM: 64,000 POUNDS
	STATE GVWR OFFERED
C.5.2	Front axle weight rating, minimum 18,000 pounds with <i>STEMCO</i> oil seal or equal
	STATE WEIGHT RATING AND OIL SEAL MAKE OFFERED
C.5.3	Rear axle minimum 46,000 pounds weight rated tandem with lubrication

pump

		STATE RATING OFFERED		
C.6	СНА	ASSIS		
C.6.	.1	Manufacturer's heaviest frame Resisting Bending Moment minimum: 3,200,000 foot pounds per inch per rail		
		STATE RBM OFFERED		
C.6.	.2	Front bumper: manufacturer's heavy duty with holes to access 2 frame mounted tow hooks		
C.7 S	SUSI	PENSION		
C.7.	.1	Front suspension: minimum 18,000 pounds GVWR		
		STATE FRONT SUSPENSION GVWR OFFERED		
C.7.	.2	Front suspension type: multi-leaf spring with heavy-duty shock absorbers		
		STATE TYPE OFFERED		
C.7.	.3	Lubricated front wheel bearings STEMCO or equal		
		STATE MAKE OFFERED		
C.7.	.4	Rear suspension: minimum 46,000 pounds GVWR		
		STATE REAR SUSPENSION GVWR OFFERED		
C.7.	.5	Rear suspension type: heavy duty, maintenance free spring type with fore/aft and transverse control rods (No air ride)		
		STATE TYPE OFFERED		
C.7.	.6	Synthetic lubricant in all axles		
C.7.	.7	Axle ratio top ratio 62 MPH		
C.8 '	WHI	EELS		
C.8.	.1	Front: minimum 9" x 22.5" hub piloted steel disc		
		STATE WHEEL OFFERED		

C.8.2	Rear: minimum 8.25" x 22.5" hub piloted steel disc		
	STATE WHEEL OFFERED		
C.8.3	Spare: 8.25" x 22.5" hub piloted steel disc		
	STATE WHEEL OFFERED		
C.9 TIRE	S.		
C.9.1	Front: 315/80R 22.5, highway tread		
	STATE TIRE OFFERED		
C.9.2	Rear: 12R 22.5, 16ply mud and snow tread		
	STATE TIRE OFFERED		
C.9.3	Spare: 12R 22.5, 16ply mud and snow tread		
	STATE TIRE OFFERED		
C.10 STE	ERING		
C.10.1	Power steering with tilt and telescoping wheel		
C.11 BRA	AKES		
C.11.1	Type: air, ABS		
C.11.2	Front and rear shall be S cam type, self-adjusting		
C.11.3	Parking brake type: MGM tamper proof chambers		
C.11.4	Compressor: minimum 15.2 cubic feet a minute		
C.11.5	Air dryer <i>Bendix</i> AD-9 or equal Alcohol evaporator <u>not acceptable</u>		
	STATE MAKE AND MODEL OFFERED		
C.11.6	Low air warning light and buzzer		
C.11.7	All slack adjusters shall be automatic type		

C.11.8 All brakes shall have dust shields

C.12.1	Type: diesel 12 Liter; minimum inline six (6) cylinder water cooled, <i>Mercedes-Benz</i> MBE 4000 or approved equal
	STATE MAKE AND MODEL OFFERED
C.12.2	Net S.A.E. horse power: Minimum 370@ 1900 RPM
	STATE HORSE POWER OFFERED
C.12.3	Torque: Minimum 1450@ 1100 RPM
	STATE TORQUE OFFERED
C.12.4	Automatic engine shut down system: protection shall include low oil pressure low coolant level, and high engine temperature
	STATE SYSTEM OFFERED
C.12.5	Fuel water separator: Heater type
C.12.6	Water filter: Spin-on type
C.12.7	Radiator shall have bolt on tanks and a minimum of 1200 square inches frontal area
C.12.8	Coolant: permanent antifreeze to -34F
C.12.9	Block heater: 1500 watts with receptacle under driver's door
C.12.10	Engine brake with high and low settings
C.13 TRA	NSMISSION
C.13.1	Type: 5 speed automatic Allison HD4560P or equal
	STATE MAKE & MODEL OFFERED
C.13.2	Transmission cooler
C.13.3	Shift control: pushb utton keypad
C.13.4	Factory fill <i>TranSynd</i> synthetic transmission fluid (per <i>Allison</i> warranty

requirements)

- C.14.1 Transmission direct mount (No PTO shafts)
- C.14.2 Hot shift with rev limiter, illuminated when on PTO shall reengage when returned to idle.
- C.14.3 Neutral interlock: PTO shall be operable only when transmission is in neutral.

C.15 REAR END

C.15.1 Magnetic drain plug, fill and drain

C.16 ELECTRICAL

- C.16.1 12-volt negative ground, fully multiplexed cab and chassis
- C.16.2 Battery: minimum: (4) maintenance free, minimum 2,800 CCA

STATE CCA OFFERED_____

C.16.3 Alternator: minimum: 130 amperes

STATE AMPERES OFFERED

C.16.4 Starter: twelve (12) volt Delco with over crank protection or equal

STATE MODEL OFFERED

C.17 FUEL SYSTEM

C.17.1 Fuel tank: minimum 100 U.S. gallons

STATE CAPACITY OFFERED

- C.17.2 Fuel tank type/location; diesel/left side
- C.17.3 Vehicle shall be equipped with an *EJ Ward* Cando meter

(VIT) Automated Fuel System

Contact: Lee Christensen

EJ Ward, Inc.

Telephone (210) 824-7383

C.18 EXHAUST SYSTEM

C.18.1 Right side, cab mounted, vertical exhaust with heat shield and exhaust turnout

C.19 EXTERIOR

- C.19.1 Colors
 - C. 19.1.1 Cab: Bright White
 - C.19.1.2 Body: Tangier Orange
 - C.19.1.3 Chassis: Black
 - C.19.1.4 The entire body shall be cleaned and painted with a suitable primer, and finish painted with a high quality polyurethane paint
- C.19.2 Mud guards: Front of rear tires, and rear of front tires (No advertisement)
- C.19.3 Windows: Windshield shaded, all other windows tinted
- C.19.4 Cab and doors shall be constructed entirely of metal
- C.19.5 Air cab mounts
- C.19.6 Tilting fiberglass hood and fenders with rubber fender extension

C.20 INTERIOR

- C.20.1 Color: manufacturer's standard
- C.20.2 Sun visors: dual
- C.20.3 Dual interior steel grab handles both sides

C.21 SEATING

- C.21.1 Driver's seat: Air ride, vinyl bucket with seatbelt
- C.21.2 Passengers seat: Minimum 2-persons vinyl padded bench seat with padded back support with seatbelts

C.22 FLOOR COVERING

C.22.1 Rubber throughout

C.23 INSULATION

C.23.1 Manufacturer's sound package not to exceed 84 decibels prior to body installation

C.24 HEAT DEFROST/AIR CONDITIONING

C.24.1 Blend air HVAC controls, brushless fan motor with four speeds

C.25 INSTRUMENTATION

- C.25.1 Electronic Speedometer
- C.25.2 Tachometer
- C.25.3 Hour meter
- C.25.4 Fuel gauge
- C.25.5 Oil pressure gauge
- C.25.6 Volt meter gauge
- C.25.7 Water temperature gauge
- C.25.8 Transmission temperature 4 gauge
- C.25.9 Air inlet restriction gauge

C.26 RADIO

C.26.1 AM/FM

C.27 MIRRORS

- C.27.1 Break away style mirrors, mirrors and brackets shall fold flat to door to allow for clearance in tight spaces
- C.27.2 Mirrors shall be west coast style head with matching convex mirrors mounted below

C.28 BODY GENERAL: REAR LOADER PACKER BODY

C.28.1 Rear loader, 25 cubic yard high compaction body, *Leach* 2R111 demolition unit or equal

	STATE MAKE AND MODEL OFFERED		
C.28.2	Compaction force: Minimum 109,000 pounds		
	STATE COMPACTION FORCE OFFERED		
C.28.3	Capacity: Minimum 25,000 pounds based on average dry household refuse, not including hopper		
	STATE CAPACITY OFFERED		
C.28.4	Structural integrity shall be designed and constructed for high-density compaction of 1,000 pounds per cubic yard or greater in normal use. Model bid shall conform to manufacturer's standard specification as minimum criteria unless otherwise specified herein.		
C.28.5	Packer shall meet all applicable ANSIZ-245 1 safety standards		
C.28.6	.6 Mechanism shall be installed to prevent over/packing		
	STATE SYSTEM OFFERED		
C.28.7	Body Construction: Roof and side sheets shall be one piece, minimum 11 gauge 80,000-PSI minimum yield strength steel throughout with no seams, or equal		
	STATE GAUGE AND PSI OFFERED		
C.28.8	Roof and sides shall be jointed together by a one-piece formed corner, ¼" 50,000 PSI minimum yield strength steel.		
	STATE PSI OFFERED		
C.28.9	Body sides and roof shall be curved design		
C.28.10	Body sides, rear third shall have an 11 gauge liner; floor ramp shall have ¼" liner for added durability		
C.28.11	Floor sheets shall have a thickness of ¼" and be made of 50,000-PSI minimum yield strength steel. The floor shall have a formed flange, minimum 3" tall, that ties into side sheet		
	STATE PSI OFFERED		
C.28.12	The floor support braces shall be constructed of ½" x 6" steel bar 36.000 PSI		

C.28.12 The floor support braces shall be constructed of ½" x 6" steel bar 36,000 PSI yield strength and must run from the center floor trough outward

C.28.13 Body shall incorporate a longitudinal center floor trough running the entire body length. The floor trough shall be constructed of a minimum of 5/16" 50,000 PSI yield strength steel

C.29 TAILGATE

- C.29.1 Tailgate shall be held in the closed position by two double lead thread screw clamps, one each side
- C.29.2 Tailgate shall be top hinged to the body at the roofline utilizing cast steel hinges. It is to be raised for load ejection by two, single acting "Ram style" cylinders mounted on the outside of tailgate
- C.29.3 Two tailgate props (one each side) externally mounted shall be furnished
- C.29.4 An extruded rubber gasket shall be affixed to the tailgate to provide a watertight seal between the body and tailgate
- C.29.5 Rear side steps shall conform to **ANSI** standards and specifications, **121-2104** & **2105**
- C.29.6 Tailgate shall be equipped with a "tailgate ajar" switch with an indicator light in the cab
- C.29.7 Hand holds: Minimum 2 handholds shall be permanently mounted on each side of the tailgate. Minimum diameter of 1-1/4" diameter, and be compatible with a broad range of different height personnel and conforming to **ANSI** specifications
- C.29.8 Hopper working lights: Minimum 2-4" working lights shall be located inside tailgate above blade, with control switch inside the cab

C.30 HYDRAULICS:

- C.30.1 A heavy duty, single speed power take-off (P.T.O.) with neutral interlock (inoperable if transmission is not in neutral), shall be provided and shall be compatible with that of chassis transmission. The P.T.O. shall be activated by electrical signal (Hot shift)
- C.30.2 The P.T.O. shall run quietly. Gearing shall be selected for minimum RPM engine compatible with recommended pump RPM for correct operating pressure and rates of flow for the refuse body
- C.30.3 The capacity of the pump shall not be rated at less than 42 gallons per minute at 1200 RPM

C.30.4 The hydraulic system shall incorporate adjustable relief valves to protect all components from excessive pressure and overloads, and shall be equipped with tamper proof device and pressure gauge installed

DESCRIBE TAMPER PROOF SYSTEM	

- C.30.5 All hydraulic tubes shall be securely clamped to prevent vibration, abrasion, and excessive noise
- C.30.6 All hydraulic hoses shall conform to S.A.E. standards for designed pressure. Bends shall not be less than recommended by S.A.E. standards. Flat spots in hoses shall not be acceptable
- C.30.7 The hydraulic tank shall be complete with a screened fill pipe and cap, filter breather, and clean out cover, manual shut-off valve and service drain plug under the tank
- C.30.8 Hydraulic tank shall be equipped with low hydraulic fluid sensor, which shall register on dash in cab, and shutdown system, which prohibits the engagement of the P.T.O. system when fluid level is below 40% of tank capacity
- C.30.9 A ten (10) micron return line filter shall protect the hydraulic system
- C.30.10 Multi-spool control valves shall be of a sectional design such that servicing would not require replacement of the entire valve assembly
- C.30.11 All hydraulic lines located on front and top of packer body shall be protected with cover to prevent damage. The cover shall be removable to allow for repair or replacement of hoses
- C.30.12 Rods of packing and carrier cylinders shall be induction hardened to a surface hardness of 55-65 Rockwell scale, and be chrome plated

C.31 CONTROLS

- C.31.1 Packing controls: The manually operated controls for packing mechanism shall be located curbside at the rear of the tailgate. An automatic advance shall be provided. The dual lever controls shall have the capability of stopping, starting and reversing the packing mechanism
- C.31.2 A push button switch that activates a buzzer in the cab shall be provided on both sides of the tailgate to signal the driver

- C.31.3 The tailgate lift and ejection controls: Complete with a manually operated engine speed-up switch shall be located at the left corner of the body
- C.31.4 PTO pump controls shall be mounted inside the cab hot shift

C.32 EJECTION SYSTEM

- C.32.1 Off loading shall be by full ejection method only. Dumping or raising of the body is not acceptable. Control lever for ejection shall be located at the front left side of the body
- C.32.2 The ejection cylinder shall be telescopic consisting of multiple stages
- C.32.3 The ejector panel face sheet shall be a minimum of 3/16" thick and 50,000 PSI yield strength steel
- C.32.4 The ejection panel shall be capable of being retracted or extended from any position between full extension and full extraction
- C.32.5 Ejection system shall be equipped with quick connect system for unloading via wet pack. Customer quick disconnect sizes shall be determined by the District
- C.32.6 Side Door: A side door shall be provided at the left front corner of the body with handholds & step. Rungs for ease of entrance to body for maintenance and cleaning purposes.
- C.32.7 Minimum door size: 30" wide x 30" high

STATE DOOR SIZE OFFERED

C.33 HOPPER

C.33.1	Hopper floor shall be ½" 100,000 PSI minimum yield strength steel, no liner		
	STATE PSI OFFERED		
C.33.2	The hopper sides shall be ½" 50,000 PSI minimum yield strength steel.		
	STATE PSI OFFERED		
C.33.3	Inside hopper width shall be a minimum of 80"		

STATE WIDTH OFFERED____

C.33.4	Hopper capacity shall be minimum of 3.5 yards
	STATE CAPACITY OFFERED
C.33.5	Total cycle time shall not exceed 24 seconds
C.34 PAC	CKING MECHANISM
C.34.1	The packer faceplate shall be a minimum of ¼" 80,000 PSI yield strength steel, with a face sheet liner of ¼", 50,000-PSI steel
	STATE PSI OFFERED
C.34.2	The carrier faceplate shall be a minimum of 3/16" 50,000 PSI yield strength steel, with a face sheet liner of 3/16", 50,000 PSI steel
	STATE PSI OFFERED
C.34.3	The packer and carrier plate cylinders shall be mounted inside the tailgate and all four cylinders must be induction hardened to a surface hardness of 55-65 "Rockwell C" scale, and be chrome plated
C.34.4	The upper carrier plate shall utilize rollers vs. slides for easy movement. Rollers shall be 5" diameter from forged 4150 steel inductions hardened to 57 60 "Rockwell C" scale and shall be equipped with grease fittings, accessible from external roller access openings
C.34.5	The packing plate shall be protected from overload by an independent packer (Load edge stress sensing) circuit relief valve located at the operating valve
C.34.6	Conspicuity striping: tape shall be full length of body and full width of tailgate (no breaks) <i>3-M</i> diamond grade series 981 or equal
	STATE MAKE OFFERED
C.35 DIM	MENSIONS
C.35.1	Length: maximum 398 inches from bumper to end of tailgate
	STATE LENGTH OFFERED
C.35.2	Width maximum 102 inches
	STATE WIDTH OFFERED
C.35.3	Height: maximum 153 inches

STATE HEIGHT OFFERED_	
C.36 CORROSION TREATMENT	
STATE TREATMENT	

H.8.4 EXTENDED WARRANTY

- H.8.4.1 The contractor shall provide at a minimum extended warranty as follows. No exceptions or deductible are permitted.
- H.8.4.2 Complete engine including the alternator, starter and electronics for a period of three (3) years, 100,000 miles or 8,100 hours.
- H.8.4.3 Clutch fan
- H.8.4.4 Transmission
- H.8.4.5 Axles (rear carriers, housing, front I-beam)
- Note: The extended warranty coverage provided by the contractor shall be 100% parts and labor. No Exceptions